



Minnesota Crop Progress & Condition

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Cooperating with the Minnesota Department of Agriculture

For the week ending July 17, 2016
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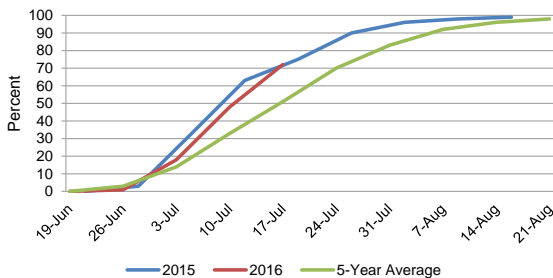
Strong thunderstorms moved across the northern and central parts of Minnesota during the week ending July 17, 2016, limiting producers' opportunities for fieldwork according to USDA's National Agricultural Statistics Service. There were **3.3 days suitable for fieldwork**. There were reports of damaging wind, hail, and excessive rainfall leading to flooding in some areas, with producers still assessing damage to crops.

Topsoil moisture supplies were rated 0 percent very short, 1 percent short, 73 percent adequate, and 26 percent surplus. **Subsoil moisture** supplies were rated 1 percent very short, 5 percent short, 77 percent adequate, and 17 percent surplus.

Minnesota's **corn** acreage advanced to 51 percent silked, 5 days ahead of the five-year average and 3 days ahead of last year. Corn condition rated 82 percent good to excellent, up 1 percentage point from the previous week. Seventy-two percent of the **soybean** crop was blooming or beyond, 8 days ahead of average but equal to last year. Twelve percent of the soybean crop were setting pods. Soybean condition rated 78 percent good to excellent. Sixty-one percent of the **spring wheat** acreage was turning color, 10 days ahead of average and 2 days ahead of last year. Spring wheat condition rated 70 percent good to excellent. Seventy-eight percent of the **oat** crop was turning color, 12 days ahead of average and 5 days ahead of the previous year. Oat condition rated 81 percent good to excellent, up 1 percentage point from the previous week. Seventy-one percent of the **barley** crop was turning color, 12 days ahead of average. Barley condition rated 64 percent good to excellent, down 4 percentage points from the previous week. There were scattered reports of producers harvesting small grains. Seventy-two percent of the **dry edible bean** crop was blooming, with 5 percent setting pods. Dry edible bean condition rated 68 percent good to excellent. **Sunflower** condition rated 51 percent good to excellent, up 1 percentage point from last week. **Potato condition** rated 89 percent good to excellent. **Sugarbeet** condition rated 86 percent good to excellent.

The second cutting of **alfalfa hay** was 72 percent complete, 6 days ahead of last year. The third cutting of alfalfa hay was 13 percent complete. **All hay** condition rated 80 percent good to excellent. **Pasture** condition rated 79 percent good to excellent, up 3 percentage points from the previous week.

Soybeans Blooming - Minnesota:
As of July 17, 2016



Soil Moisture Supplies as of July 17, 2016

	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture	0	1	73	26
Subsoil moisture	1	5	77	17

Crop Progress as of July 17, 2016

	This week	Last week	Last year	5-year average
Days suitable for fieldwork	3.3	4.0	4.3	5.3
	(percent)	(percent)	(percent)	(percent)
Barley headed	97	92	98	89
Barley coloring	71	47	64	40
Corn silking	51	16	36	30
Dry edible beans blooming	72	46	71	45
Dry edible beans setting pods	5	(NA)	9	7
Hay, alfalfa, second cutting	72	62	58	(NA)
Hay, alfalfa, third cutting	13	1	(NA)	(NA)
Oats coloring	78	55	64	44
Soybeans blooming	72	48	72	51
Soybeans setting pods	12	3	17	10
Spring wheat headed	97	94	99	91
Spring wheat coloring	61	41	55	35

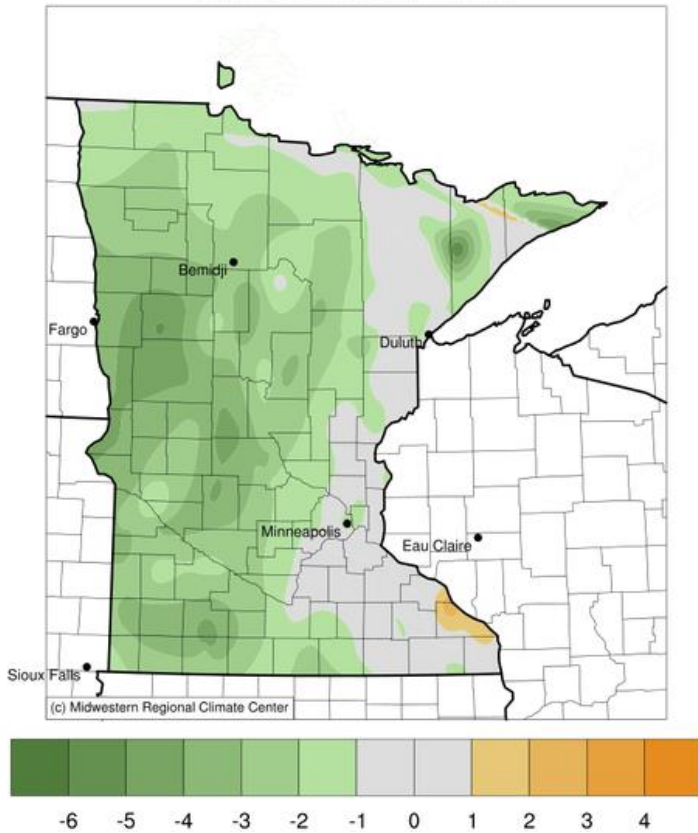
(NA) Not available.

Crop Condition as of July 17, 2016

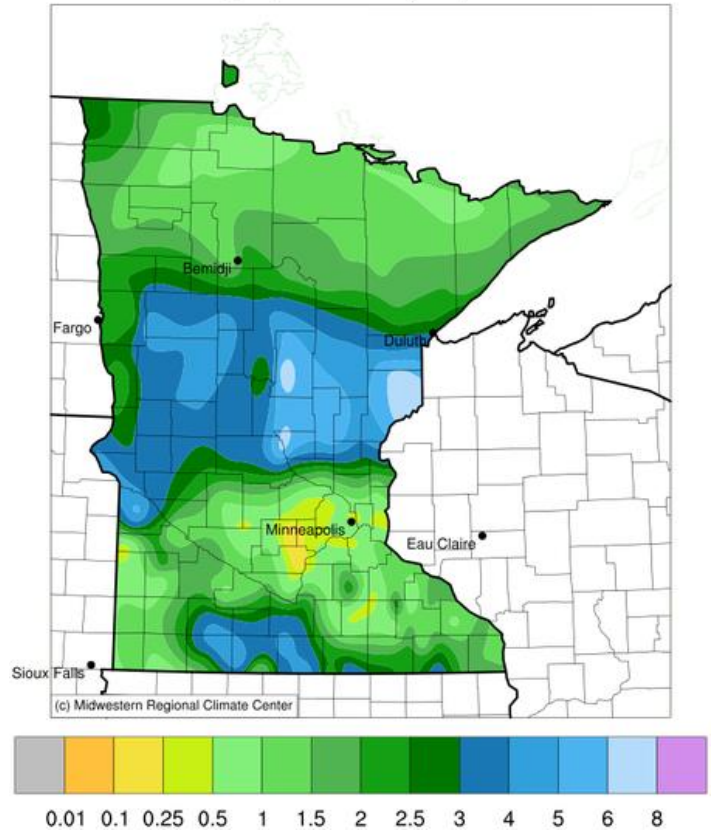
	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley	4	7	25	54	10
Corn	1	3	14	61	21
Dry ed. beans	2	5	25	57	11
Hay, all	1	4	15	63	17
Oats	1	3	15	61	20
Pasture	1	5	15	64	15
Potatoes	0	2	9	62	27
Soybeans	1	3	18	61	17
Sugarbeets	2	2	10	23	63
Sunflowers	2	5	42	45	6
Spring wheat	3	6	21	52	18

Minnesota Temperatures and Precipitation for the week ending July 17, 2016

Average Temperature (°F): Departure from 1981-2010 Normals
July 11, 2016 to July 17, 2016



Accumulated Precipitation (in)
July 11, 2016 to July 17, 2016



National Weather Service data, courtesy of the Minnesota Department of Natural Resources State Climatology Office, is available at: <http://www.dnr.state.mn.us/climate/historical/summary.html>

Growing Degree Days can be found at <https://mygeohub.org/groups/u2u/gdd>

Temperature and Precipitation Maps, courtesy of the Midwest Regional Climate Center, are available at: <http://mrcc.isws.illinois.edu/CLIMATE/>